

TORQUE CONTROL LIMITING TIE-DOWN MECHANISM

ABSTRACT OF THE DISCLOSURE

A securing device that permits an operator to know when a desired clamping load has been achieved. The device includes a knob portion and an actuator portion. The knob portion includes a plurality of knob lobes and a plurality of ribs defined by an angle. The actuator portion includes a plurality of deflection tabs, wherein each tab is defined by an angle dimensionally similar to the angle of the each rib, extending from a base portion on a vertical cylinder portion radially distanced from a nut sub-assembly. The securement device incorporates a torque control feature that produces an audible clicking noise when a specific torque has been achieved during hand tightening of the knob portion about the actuator portion.

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